## PART B - FEE(S) TRANSMITTAL

end this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form stood be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. An outlier correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

22852

7590

12/29/2009

Certificate of Mailing or Transmission
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER bereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. WASHINGTON, DC 20001-4413

(Depositor's name)	
(Signature)	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662 294	09/16/2003	Tadashi Amada	02887 0249	4299

TITLE OF INVENTION: DIRECTIONAL SETTING APPARATUS, DIRECTIONAL SETTING SYSTEM, DIRECTIONAL SETTING METHOD AND DIRECTIONAL SETTING PROGRAM

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	UBLICATION FEE DUE PREV. PAID ISSUE FEE TO		DATE DUE		
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/29/2010		
EXAMINER ART UNIT			CLASS-SUBCLASS	01/29/2010 LNGUYEN2 00000028 1066229				
LAO,	LUN S	2614	381-092000	01 F(:1501		1510.00 OP		
CFR 1.363).  Change of corres Address form PTO/S  "Fee Address" in	dication (or "Fee Address' 02 or more recent) attach	nge of Correspondence	(1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a	e firm (having as a membagent) and the names of urneys or agents. If no name	ncys   Finnega cra 2 Farabow	Finnegan, Heidelen,  Farabow, Garrett &  Dunner, L.L.P.		

ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Authorized Signature

Typed or printed name

Kabushiki Kaisha Toshiba

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be	e printed on the patent): I individual La Corporation or other private group entity Governmen
4a. The following fee(s) are submitted:  Issue Fee  Publication Fee (No small entity discount permitted)  Advance Order - # of Copies4	4b. Payment of Fcc(s): (Please first reapply any previously paid issue fee shown above)  A check is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).
5. Change in Entity Status (from status indicated above)  a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).
NOTE: The Issue Fee and Publication Fee (if required) will not be acce interest as shown by the records of the United States Patent and Tradem	pted from anyone other than the applicant; a registered attorney or agent; or the assignce or other party in ark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

31,744

Registration No.

Richard

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Pate
P.O. Box 1450
Alexandria, Virginia 2

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

NSTRUCY NS: This appropriate. A further indicated unless of the maintenance fee notificate	pondence including below or directed of	ig the	Patent, advance or	ders and notification of a specifying a new corre	maintenance fees w spondence address;	vill be i and/or	mailed to the current r (b) indicating a sepa	nould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDE	NCE ADDRESS (Note: Use B	ock I for	any change of address)	Fee pap	(s) Transmittal. Thi ers. Each additiona	is certif I paper	icate cannot be used for	r domestic mailings of the or any other accompanying nt or formal drawing, must
22852		/2009			C	4!64-	- CM-:!! T	mission
FINNEGAN, H LLP 901 NEW YORF	IENDERSON, FA	ARAI	BOW, GARR	ETT & DUNNER Sta add trar	reby certify that the tes Postal Service we ressed to the Mail asmitted to the USP	is Fce(s vith suf Stop TO (57	s) Transmitted is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the day	deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
WASHINGTON	, DC 20001-4413							(Depositor's name)
				L				(Signature)
· 				L				(Date)
APPLICATION NO.	FILING DATE	•		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/662,294	09/16/2003			Tadashi Amada			02887.0249	4299
TITLE OF INVENTION DIRECTIONAL SETTIN		TING	APPARATUS, DI	RECTIONAL SETTING	SYSTEM, DIREC	TION/	AL SETTING METH	DO AŅD
APPLN. TYPE	SMALL ENTITY	1S	SUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO		\$1510	\$300	. \$0		\$1810	03/29/2010
EXAM	INER		ART UNIT	CLASS-SUBCLASS	]			
LAO, I	LUN S		2614	381-092000	_			
Change of corresponde CFR 1.363).	ence address or indication	n of "F	ee Address" (37	2. For printing on the			ı Finnee	gan, Henderson,
_ ′	ondence address (or Cha 3/122) attached.	nge of	Correspondence	(1) the names of up to or agents OR, alternat	ively,		Farabo	ow, Garrett &
The Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				:, L.L.P.				
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO E	E PRINTED ON	THE PATENT (print or ty	rpe)			
PLEASE NOTE: Unl recordation as set fort	ess an assignee is ident h in 37 CFR 3.11. Com	ified b	elow, no assignee of this form is NO	data will appear on the p T a substitute for filing an	oatent. If an assign assignment.	nee is i	dentified below, the d	ocument has been filed for
(A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Kabushiki Kaisha Toshiba  Tokyo, Japan								
•								
Please check the appropri	iate assignee category or	catego	ories (will not be pr	inted on the patent):	Individual 🔽 C	orporat	ion or other private gro	oup entity    Government
4a. The following fee(s) a	are submitted:		41	p. Payment of Fee(s): (Ple	ase first reapply a	ny pre	viously paid issue fee	shown above)
Publication Fee (No small entity discount permitted)  Payment by credit card. Form PTO-2038 is attached.								
Advance Order - # of Copies 4 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form				ficiency, or credit any n extra copy of this form).				
5. Change in Entity Star								
	s SMALL ENTITY state			b. Applicant is no los				FR 1.27(g)(2). he assignee or other party in
interest as shown by the	ecords of the United St	tes Pit	ent and Trademark	Office.	the approant, a reg	7	1	
Authorized Signature	/ U/J	$\langle$	1		Date	1/2	28/10	
Typed or printed name	Richard V.	Bul	aujian'		Registration ?	No. 3	31,744	
This collection of informan application. Confident	ation is required by 37 Chiality is governed by 35	FR 1.3 U.S.C	311. The information. 122 and 37 CFR	on is required to obtain or	retain a benefit by	the pub minute	olic which is to file (and is to complete, including its on the amount of the	d by the USPTO to processing gathering, preparing, and

submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.